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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|-----------------------------|------------------------|
| 10/725,795 | 12/02/2003 | Chieh Ou-Yang | 35194USI | 3335 |
| 116 7590 08/01/2007 PEARNE & GORDON LLP 1801 EAST 9TH STREET SUITE 1200 CLEVELAND, OH 44114-3108 | | | EXAMINER JOLLEY, KIRSTEN | |
| | | | ART UNIT 1762 | PAPER NUMBER |
| | | | MAIL DATE 08/01/2007 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|--|--|---|--|
| <p align="center">Advisory Action Before the Filing of an Appeal Brief</p> | <p>Application No. 10/725,795</p> | <p>Applicant(s) OU-YANG, CHIEH</p> | |
| | <p>Examiner Kirsten C. Jolley</p> | <p>Art Unit 1762</p> | |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 10 July 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☒ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: see attached sheet. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: 1-14.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____.
13. ☐ Other: _____.

Kirsten C Jolley
Primary Examiner
Art Unit: 1762

ADVISORY ACTION

1. The proposed amendments will not be entered because they raise new issues that would require further consideration and/or search, and because they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal. Specifically, the amendments to claim 1 broaden the independent claim. Therefore further consideration and/or search is required, and the issues for appeal are not materially reduced or simplified.
2. Applicant argues that in the Shirley reference, in the context of a substrate that has been provided with a “primer,” it is the substrate that is conditioned via orifices 55a and not the applied “primer.” Applicant states that Shirley never hints at conditioning the applied primer for any reason, and further that there is no indication that such a primer would have been applied in a liquid state. The Examiner notes that the thermal conditioning of the substrate would necessarily similarly result in thermal conditioning of the coating applied thereon. As to whether the primer is applied in a liquid state, the Examiner acknowledges that the primer of Shirley is not necessarily in the form of a liquid. However, the Examiner maintains the second position taken -- that it would have been obvious to have incorporated the features of the chill plate into the coater bowl assembly as stated in col. 5, lines 10-15, and as discussed in the final Office action. Applicant argues that this quoted section does not imply that the manifold/nozzle/orifice arrangement in the coater bowl assembly 30 can be relocated above the substrate 70 instead of below it, but rather merely describes an alternative to the first embodiment described in the previous paragraph where a plurality of heat exchangers and manifolds are used instead of a

Art Unit: 1762


single heat exchanger and manifold. The Examiner disagrees. Column 5, line 14 states that “arranged in a manner generally similar to that discussed above with reference to the *plate temperature controller 50a*” [emphasis added]. The preceding paragraph discusses bowl temperature controller 50b, not plate temperature controller 50a. It is the Examiner’s position that the cited section indicates that any of the discussed features of the plate temperature controller 50a, including the location of the manifold, orifices, etc., may be incorporated into the bowl temperature controller 50b. As to Applicant’s argument that placement of the central nozzle/manifold 53a from the chill plate assembly 20 would interfere with or displace the liquid nozzle 35, the Examiner notes that an engineer having ordinary skill in the art would recognize that some adjustments to the design would be required when incorporating the alternative suggested embodiments, and would be capable of designing a bowl controller that incorporates the alternative suggested embodiments.

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kirsten C. Jolley whose telephone number is 571-272-1421. The examiner can normally be reached on Monday to Wednesday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner’s supervisor, Timothy Meeks can be reached on 571-272-1423. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 1762

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Kirsten C Jolley
Primary Examiner
Art Unit 1762

kcj